









OF

# FIELD MUSEUM OF NATURAL HISTORY

## BOTANICAL SERIES VOLUME XVII

THE LIBRARY OF THE MOV 3 0 1940 UNIVERSITY OF ILLINOIS



CHICAGO, U.S.A. 1937–1939 ✓

#### **INDEX**

#### Synonyms in italics

A - 1. 00"	1' ''' 1' 000
Acacia, 365	adiantifolia, 299
Farnesiana, 365	humilis, 299
Milleriana, 365	pastinacaria, 299
salvadorensis, 365	Phyllitidis, 299
Acalypha, 373	Añilillo, 266
alopecuroides, 373	Aniseia martinicensis, 206
leptopoda, 373	Anisomeris, 394
macrostachya, 373	protracta, 394, 395
porphyrantha, 373	rudis, 394
Acanthaceae, 394	
	Anneslia centralis, 366
Acetosa, 6	pueblana, 367
Acetosella, 6	Annonaceae, 363
Achimenes, 393	Anthericum crinitum, 228
grandiflora, 393	Anthurium, 316
longiflora, 393	basiattenuatum, 316
Achyrocline, 399	concinnatum, 317
deflexa, 400	lucens, 317
Yunckeri, 399	pallens, 317
Acrostichum, 301	parvispathum, 317
daneaefolium, 301	scandens, 317
Actinidiaceae, 376	Yunckeri, 317
Adiantopsis, 301	Antidesma platyphyllum, 561, 568
radiata, 301	platyphyllum var. genuinum f. rub-
Adiantum, 301	rum, 571
concinnum, 301	platyphyllum var. hamakuaense, 572
tenerum, 301	platyphyllum var. Hillebrandii, 572
trapezoides, 301	platyphyllum var. subamplexicaule,
Agastache ionocalyx, 272	573
Palmeri, 272	pulvinatum, 574
Ageratum, 400	pulvinatum var. leiogonum, 576
conyzoides, 400	Apiu, 161
Aleurites moluccana, 559	Apocynaceae, 387
Remyi, 558	Apui, 159
Alismaceae, 311	Aquatici, 7
Alsophila, 300	Aquifoliaceae, 198, 374
mexicana, 300	Araceae, 316
Schiedeana, 300	Aralia, 383
Amaioua contracta, 211	humilis, 383
Amaranthaceae, 240	Araliaceae, 205, 267, 383
Amaranthus Parodii, 240	
	Arbutus, 385
Amaryllidaceae, 229, 323	xalapensis, 385
Ampelocera Hottlei, 234	Ardisia, 385
Amphilophium, 392	compressa, 385
pilosum, 392	Arenaria, 362
Amyris Marshii, 195	lanuginosa, 362
monophylla, 197	Aristolochia brevipes, 238
Anacardiaceae, 374	Cardenasii, 237
Anaptychia, 295	Marshii, 238
leucomelaena, 295	martiniana, 238
leucomelaena var. albociliata, 295	quercetorum, 239
podocarpa var. conferta, 295	Aristolochiaceae, 237
Andropogon, 312	Artanthe Galeottii, 347
bicornis, 312	Arthrostemma, 381
furcatus, 312	fragile, 381
leucostachyus, 312	Arundinaria, 312
Anemia, 299	Asclepiadaceae, 267, 387
111011114, 400	risciepiadaceae, 201, 001

Asclepias, 387	Gossweileri, 604
curassavica, 387	Grantii, 600
guatemalensis, 387	Grantii var. Dawei, 600
	Grantii var. exaltata, 600
Asplenium, 301 auritum, 301	Grantii var. Scaettae, 600
cristatum, 301	Grantii var. Stapfii, 600
formosum, 301	heterodoxa var. atheistica, 607
miradorense, 301	Hoffmannii, 605
	Hoffmannii var. angustata, 595
praemorsum, 301	
radicans var. partitum, 301	hyperborea, 607
serra, 301	hyperborea var. gaspensis, 607
serratum, 301	imatongensis, 588
Asta, 236	infirma, 607
Aster, 400	insignis, 591
bullatus, 400	Lynesii, 590
lateriflorus, 435	magnifolia, 597
paniculatus, 435	modesta, 602
Ataco, 241	Moorei, 604
Atrichum, 298	Moorei var. verrucosa, 604
angustatum var. Mulleri, 298	nobilis, 593
Axillares, 6, 8	Onisciformis, 602
Axonopus, 312	pilosa var. radiata, 400
rhizomatosus, 312	rubifolia, 597
	Schimperi, 602
Baccharis, 400	Schimperi var. brachycera, 585
glutinosa, 400	Schimperi var. leiocera, 586
trinervis, 400	Schlechteri, 594
Bacopa, 392	Schweinfurthii, 599
rotundifolia, 392	Snowdenii, 586
Bambusa, 312	somaliensis, 584
Bartramiaceae, 296	somaliensis var. bukobensis, 584
Bassia hyssopifolia, 240	Steppia var. Elskensii, 584
Befaria, 385	superba var. brachycarpa, 599
mexicana, 385	taitensis, 595
Begonia, 378	Taylorae, 594
	Bignoniaceae, 392
MacDanielsii, 266	Bird fig, 171
tovarensis, 378 Vunekori 278	Rlakes 281
Yunckeri, 378 Regoniagona, 266, 278	Blakea, 381
Begoniaceae, 266, 378	aeruginosa, 381
Bertiera guianensis, 274	Blechnum, 301
Besleria, 393	occidentale, 301
laxiflora, 393	unilaterale, 301
Betulaceae, 356	Boehmeria, 360
Bidens, 400	caudata, 360
aristosa, 607	Boerhaavia, 361
aristosa var. mutica, 607	erecta, 361
Bequaertii var. amplior, 595	Bomarea, 323
Bruceae, 605	ovata, 323
cernua, 607	Bombacaceae, 199, 266
cernua var. oligodonta, 607	Boraginaceae, 389
Chandleri, 597	Borreria, 395
connata, 607	fruticosa, 395
connata var. petiolata, 607	Brassavola, 324
coronata, 606	cucullata, 324
coronata var. brachyodonta, 606	Brittonastrum ionocalyx, 272
coronata var. tenuiloba, 606	Palmeri, 272
coronata var. trichosperma, 606	Bromeliaceae, 318
coronata var. typica, 606	Brosimopsis, 156
Dielsii var. incisior, 599	Brosimum acutifolium, 156
diversa var. megaglossa, 602	caniceps, 156
dolosa, 596	Krukovii, 157
Elliotii, 594	myristicoides, 157
filiformis, 600	palmarum, 158
	1, - 5 0

Brosimum paraense, 157 nitida, 318 potabile, 158 nutans, 318 terrabanum, 235 Oerstediana, 318 Bryaceae, 296 subulata, 318 Bryophyllum, 363 Cautivo, 234 pinnatum, 363 Cecropia, 359 Bryum, 296 mexicana, 359 andicola, 296 Celastraceae, 375 argenteum var. lanatum, 296 Celtis Hottlei, 234 Buchnera, 392 Centradenia, 382 pusilla, 392 Bernoullii, 382 Bunchosia, 372 Cephaelis, 395 axillaris, 395 pilosa, 372 Byrsonima, 373 elata, 395 crassifolia, 373 madeirana, 212 Cerastium guatemalense, 244 Cactaceae, 379 Cereus, 379 Cafecillo, 274 hondurensis, 379 Calathea, 324 Cestrum, 390 verapax, 324 nocturnum var. mexicanum, 390 Calliandra, 365 Chaetoptelea, 359 arborea, 365 mexicana, 359 centralis, 366 Gentryi, 261 Chamaedorea, 316 geonomaeformis, 316 graminifolia, 316 Lindeniana, 316 leucothrix, 366 Yunckeri, 367 Callicarpa, 389 Chancarro blanco, 267 acuminata, 389 Chaptalia, 400 Callirrhoe sidalceoides, 198 nutans, 400 Cheilanthes, 301 Calocarpum, 385 mammosum, 385 angustifolia, 301 Chenopodiaceae, 240 Calopogonium, 367 coeruleum, 367 Chimaphila, 384 Calpidea Brunoniana, 542 dasystemma, 384 Calyptranthes, 379 Chiococca, 395 alba, 395 hondurensis, 379 Campelia, 322 phaenostemon, 395 Zanonia, 322 Chiodecton, 294 Canavalia, 367 villosa, 367 Cápida, 202 Capparidaceae, 191 sanguineum, 294 Chiodectonaceae, 294 Chirigua, 200 Chloranthaceae, 356 Capparis Millei, 191 Chócola, 201, 202 Caprifoliaceae, 398 Chrysophyllum, 385 Capsicum, 390 oliviforme, 385 macrophyllum, 390 Chrysopsis, 423 Caraco, 163, 164 Chthamalia nummularia, 270 Cardiospermum, 375 Cibotium, 300 microcarpum, 375 regale, 300 Carex, 314, 442 Cissampelos, 362 Humboldtiana, 314 Pareira, 362 polystachya, 314 tropaeolifolia, 362 Caricaceae, 200 Cissus, 375 Caryophyllaceae, 190, 244, 362 cacuminis, 375 Cassia, 367 Martiniana, 376 laevigata, 367 rhombifolia, 376 serpens, 368 salutaris, 376 spectabilis, 368 sicyoides, 376 Castanha, 257 Citharexylum, 389 Catasetum, 324 maculatum, 324 Mocinni, 389 Catopsis, 318 Cladonia, 294 chlorophaea, 294 brevifolia, 318

Cladonia corymbulosa, 294	Connarus, 365
cristatella, 294	Lambertii, 365
didyma, 295	Conostegia, 382
fimbriata, 295	subhirsuta, 382
fimbriata var. Balfourii, 295	xalapensis, 383
fimbriata var. chondroidea, 295	Convolvulaceae, 206, 388
Floerkeana, 295	Corallocarpus hypoleucus, 223
furcata var. pinnata, 295	Coreopsis auriculata, 609
pityrea, 295	grandiflora, 608, 609 grandiflora var. Harveyana, 610
subcariosa, 295	grandiflora var. Harveyana, 610
Cladoniaceae, 294	heterogyna, 609
Claoxylon, 548	intermedia, 609
Helleri, 549	lanceolata, 609
insigne, 557	Linifolia, 609
Remy1, 557	ochracea var. Lugardii, 608
sandwicense, 550	Oniscicarpa, 609
sandwicense var. 5 Degeneri, 556	pinnatipartita, 593
sandwicense var. $\epsilon$ glabrescens, 555	pubescens, 609
sandwicense var. $\gamma$ Hillebrandii, 554	pubescens var. robusta, 611
sandwicense var. $\beta$ magnifolium, 551	Cormi, 183
sandwicense var. magnifolium f.	Corytholoma, 394
glabrescens, 555	Warscewiczii, 394
sandwicense var. δ tomentosum, 554	Cosmos, 400
tomentosum, 549	crithmifolius, 400
Clavellino, 262	Couepia calophlebia, 248
Clerodendron ligustrinum, 207 Matudae, 206	Dahlgrenii, 248
Clethra, 384	habrantha, 249 Krukovii, 250
hondurensis, 384	latifolia, 251
Clethraceae, 384	Martiana, 249
Clidemia, 382	Coussapoa araneosa, 158
dentata, 382	boliviana, 159
hirta, 382	cornifolia, 160
rubra, 382	Eggersii, 160
Clusia, 377	embirana, 161
Salvinii, 377	ficina, 161
Coccocarpia, 294	Froesii, 162
cronia var. isidiophylla, 294	hirsuta, 161
Coccocypselum, 395	hypochlora, 162
hirsutum, 395	Krukovii, 163
Coccoloba, 361	Lawrancei, 164
cardiophylla, 361	Lehmannii, 164
chacoensis, 239	orthoneura, 165
Cochlospermum vitifolium, 237	parvifolia, 165
Cologania, 368	rhamnoides, 166
procumbens, 368	subcrenata, 166
Colorín, 264 Columnea, 393	villosa, 161 Coussarea Duckei, 274
	Krukovii, 212
pilosissima, 393 rubricaulis, 393	mexicana, 274
venusta, 210	Cranichis, 325
Commelina, 322	pseudociliata, 325
coelestis, 322	Crassulaceae, 363
Commelinaceae, 227, 322	Crinum, 324
Comparettia, 324	cruentum, 324
falcata, 324	Crispi, 8
Compositae, 224, 284, 399	Croton, 374
Conceveiba guyanensis, 416	ciliato-glandulosus, 374
Krukoffi, 414	repens, 374
magnifica, 414	Crucecillo, 274
simulata, 416	Cruciferae, 191, 248
Conglomerati, 8	Crusea, 395
Connaraceae, 365	calocephala, 395

1117	
Ctenidium, 298	Diodia, 396
hondurense, 298	brasiliensis var. angulata, 396
molluscum, 298	Diplazium, 302
Cucurbitaceae, 223, 399	Donnell-Smithii, 302
Cuphea, 379	Distylium, 364
carthagenensis, 379	guatemalense, 364
Hookeriana, 379	Dorstenia, 359
utriculosa, 379	Contrajerva, 359
Curatella americana, 237 Cuscuta, 388	Drymaria, 362
strobilacea, 388	villosa, 362 Dryopteris, 302
Cyathea, 300	denticulata, 302
mexicana, 300	effusa var. divergens, 302
Cyatheaceae, 300	Hemsleyana, 302
Cyperaceae, 314	interjecta, 302
Cyperus, 314	Linkiana, 302
cayennensis, 314	melanochlaena, 302
haspan, 314 incompletus, 314	nicaraguensis, 302
prolixus, 314	normalis, 302 oligocarpa, 302
surinamensis, 314	patula, 302
tenerrimus, 314	paucijuga, 302, 304
unioloides, 314	pseudosancta, 302
Cyphomandra, 390	resiliens, 302
heterophylla, 390	resinifera, 304
mollicella, 390	subincisa, 304
Delhargia 268	Drypetes amazonica, 420
Dalbergia, 368 cubilquitzensis, 368	Forbesii, 560 keyensis, 420
Dama de noche, 268	Phyllanthoides, 562
Darbolia, 457	variabilis, 420
Declieuxia, 396	Dubautia laxa var. pedicellata, 611
fruticosa var. mexicana, 396	laxa var. Skottsbergii, 611
Delphinium calcar-equitis, 244	Dyschoriste, 394
valens, 245	oaxacensis, 394
Dennstaedtia, 302	Dyssodia puberula, 284
globulifera, 302 rubiginosa, 302	Echeandia parviflora, 229
Densiflori, 7	Echinodorus, 311
Dentati, 8	tenellus, 311
Desmodium, 368	Eichhornia, 323
axillare, 368	azurea, 323
cajanifolium, 368	Elaphoglossum, 304
frutescens, 368	rampans, 304
Gentryi, 262 lavanduliflorum, 262	rubescens, 304
luteolum, 368	scolopendrifolium, 304 tectum, 304
quercetorum, 263	Eleocharis, 314
Dialium, 369	flaccida, 314
guianense, 264, 369	geniculáta, 314
Dichaea, 325	mutata, 314
muricata, 325	nodulosa, 314
trichocarpa, 325	sulcata, 314 Eleusine, 312 indica, 312
Dichapetalaceae, 196, 373	indian 212
Dichapetalum, 373 chiapasense, 196	Entodontaceae, 297
Donnell-Smithii, 197, 373	Epidendrum, 325
Dicksoniaceae, 300	Brassavolae, 325
Dicksoniaceae, 300 Dicranopteris, 299	centropetalum, 325
pectinata, 299	Chloe, 325
Didymochlaena, 302	cobanense, 325
truncatula, 302 Didymonanay Morototoni, 267	cochleatum, 325
Didymopanax Morototoni, 267	difforme, 325

### 618 FIELD MUSEUM OF NATURAL HISTORY—BOTANY, VOL. XVII

Epidendrum Lindleyanum, 325	costaricana, 359
luteoroseum, 325	Eliadis, 168
ochraceum, 325	frondosa, 169
polyanthum, 325	Gameleira, 169
polyanthum var. myodes, 325	glabrata, 359
polybulbon, 325	Gleasonii, 170
pygmaeum, 325	Haughtii, 170
radicans, 326	involuta 250
	involuta, 359
ramosum var. mixtum, 326	juruensis, 179
rhynchophorum, 326	Krukovii, 171
teretifolium, 326	Lawrancei, 172
Tuerckheimii, 326	malacocarpa, 172
virgatum, 326	Mexiae, 173
Epiphyllum, 379	mima, 173
caudatum, 379	padifolia, 359
strictum, 379	panurensis, 174
Ericaceae, 385	popayanensis, 174
Erigeron, 401	
	radula, 359
jamaicensis, 401	ramiflora, 175
spathulatus, 401	regularis, 175
Eriochrysis, 312	sphenophylla, 176
cayennensis, 312	Sprucei, 176
Eriosema, 369	tolimensis, 177
_ diffusum, 369	uberrima, 177
Eryngium, 384	Urbaniana, 170
caricinum, 384	ursina, 178
Erythrina, 369	velutina, 359
rubrinervia, 369	Fimbristylis, 314
Erythrodes, 326	diphylla, 314
Tuerckheimii, 326	Fissidens, 296
Escobedia, 392	reclinatulus, 296
laevis, 392	
	Fissidentaceae, 296
Espuela de caballero, 245	Flacourtiaceae, 200, 378
Eugenia, 380	Forestiera neomexicana, 206
apodantha, 380	neomexicana var. arizonica, 206
axillaris, 380	
	Shrevii, 205
Banghamii, 381	Shrevii, 205 Frayinus 386
Banghamii, 381	Fraxinus, 386
Doubledayi, 380	Fraxinus, 386 hondurensis, 386
Doubledayi, 380 hiraeifolia, 202	Fraxinus, 386 hondurensis, 386 Fuirena, 315
Doubledayi, 380	Fraxinus, 386 hondurensis, 386 Fuirena, 315
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 iyaefolium, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296 Galeana, 401
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296 Galeana, 401 pratensis, 401
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296 Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoideae, 457
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoideas, 457 Genipa americana, 214
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 387 Gesneriaceae, 210, 393
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297 Fabroniaceae, 297	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 387 Gesneriaceae, 210, 393 Gilibertia, 383
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297 Fabroniaceae, 297 Fagaceae, 356	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 210, 393 Gilibertia, 383 leptopoda, 383
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297 Fabroniaceae, 297 Fagaceae, 356 Ficus, 359	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoides, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 210, 393 Gilibertia, 383 leptopoda, 383 Gleicheniaceae, 299
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297 Fabroniaceae, 297 Fagaceae, 356 Ficus, 359	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoideae, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 210, 393 Gilibertia, 383 leptopoda, 383
Doubledayi, 380 hiraeifolia, 202 nesiotica, 203 vincentina, 380 Yunckeri, 380 Eupatorium, 401 ivaefolium, 401 ligustrinum, 401 macrocephalum, 401 morifolium, 401 Euphorbia, 374 Celastroides var. moomomiana, 477 graminea, 374 multiformis var. microphylla, 376 multiformis var. mohihiensis, 576 Euphorbiaceae, 197, 265, 373 Eurya, 377 guatemalensis, 377 Fabronia, 297 flavinervis, 297 Fabroniaceae, 297 Fagaceae, 356	Fraxinus, 386 hondurensis, 386 Fuirena, 315 simplex, 315 Funaria, 296 calvescens, 296 Funariaceae, 296  Galeana, 401 pratensis, 401 Gameleira, 170 Gaura Gentryi, 203 grandiflora, 204 mutabilis, 204 Geniostoma Cyrtandrae, 506 Remyana, 497 Geniostomoideae, 457 Geniostomoides, 457 Genipa americana, 214 vulcanicola, 213 Gentianaceae, 387 Gesneriaceae, 210, 393 Gilibertia, 383 leptopoda, 383 Gleicheniaceae, 299

Globulina, 296 globulifera, 296 Gongora, 326 cassidea, 326 Gonolobus chihuahuensis, 270 Gonzalagunia, 396 panamensis, 396 Govenia, 326 Powellii, 326 Gramineae, 312 Grindelia, 423 aggregata, 427 aphanactis, 428, 438, 441 arenicola, 424, 425, 438 arenicola var. pachyphylla, 425, 426, 431 arizonica, 427, 428, 431, 432, 438, 441 Blakei, 424, 426, 427, 428, 429, 434, 438, 441 arizonica var. stenophylla, 427 buphthalmoides, 436 camporum, 424, 427, 428, 429, 430, 436, 437, 438, 441 chiloensis, 425, 427 columbiana, 428, 441 confusa, 442 decumbens, 428 decumbens var. subincisa, 438 discoidea, 428 fastigiata, 427, 428, 429, 431 globularifolia, 425, 427 glutinosa, 436, 439 grandiflora, 425, 431, 435, 438, 441 Greenei, 439 Greenmanii, 427, 429, 439, 442 Hallii, 428 Havardii, 438, 441 hirsutula, 432, 441 hirsutula var. brevisquama, 427, 429, 431, 432 hirsutula f. patens, 429 hirsutula f. tomentulosa, 432 humilis, 424, 425, 426, 427, 431, 435, inornata, 427, 428, 441 integrifolia, 425, 426, 427, 429, 431, 438, 439 integrifolia var. virgata, 438, 439 inuloides, 426, 427, 439, 440, 442 inuloides var. adenodonta, 438 inuloides var. glandulosa, 425, 426, 427, 432, 439 laciniata, 428, 442 lanceolata, 423, 427, 428, 431, 432, 434, 437, 438, 439, 441 littoralis, 438, 441 maritima, 434, 436, 438, 441 microcephala, 438, 439, 440 microcephala var. adenodonta, 425, 427, 437, 440, 441, 442 microcephala var. pusilla, 424 nana, 426, 427, 429, 431, 435, 436, 437, 441

nana var. integerrima, 428, 431 nana var. turbinella, 427, 428 Nelsonii, 434, 439 oolepis, 423, 427, 428, 429, 431, 434, 438, 439 oxylepis, 439, 440, 441 oxylepis f. capitellata, 428 oxylepis var. eligulata, 428 Palmeri, 429, 439, 442 perennis, 426, 429, 431, 435, 441 procera, 424, 427, 436, 441 revoluta, 431 Robinsonii, 428, 434, 439, 442 rubricaulis, 432 rubricaulis var. bracteosa, 428 rubricaulis var. elata, 438 rubricaulis var. latifolia, 426, 437, 438 rubricaulis var. robusta, 426, 427, 428, 436, 438, 441 scabra, 432, 439 scabra var. neomexicana, 429, 436, 438, 439 squarrosa, 423, 426, 427, 428, 429, 431, 432, 434, 435, 436, 440, 441 squarrosa f. depressa, 424 squarrosa var. nuda, 425, 426, 427, 428 squarrosa var. serrulata, 426 stricta, 425, 426, 429, 432, 435 stricta var. Hendersoni, 424, 432 stricta var. lanata, 432 stricta var. macrophylla, 426, 427, 429, 431, 434 stricta var. procumbens, 425, 426 subalpina, 426, 429, 437, 439, 441 subalpina var. erecta, 428, 437, 439, 441 subdecurrens, 439, 440, 442 sublanuginosa, 440, 441 tenella, 428, 434, 439, 441 texana, 425, 427, 436, 438, 439, 440 Gronovia scandens, 201 Guapaqui, 264 Guatteria, 363 grandiflora, 363 Guazuma ulmifolia, 201 Guettarda boliviana, 275 Duckei, 275 Gutierrezia, 423 Guttiferae, 377 Habenaria, 326 clypeata, 326 crassicornis, 326 novemfida, 326 setifera, 326 Halogeton sativus, 240 Hamamelidaceae, 192, 364

Hamamelis macrophylla, 193

mexicana, 192

virginiana, 193

vernalis, 193

Hamelia, 396	Hyptis, 390
patens, 396	asperifolia, 390
	aspernona, 550
Hasseltia guatemalensis, 200	Tlor 974
Hauya Barcenae, 204	Ilex, 374
Lundellii, 204	hondurensis, 374
Hecistopteris, 304	Rimbachii, 198
	tolucana, 375
pumila, 304	Ilymonthes 200
Hedychium, 324	Hysanthes, 392
coronarium, 324	inaequalis, 392
	Indigofera, 369
Hedyosmum, 356	suffruticosa, 369
Artocarpus, 356	
Heliconia, 324	Inga, 369
librata, 324	cobanensis, 369
pendula, 324	Ionopsis, 326
	utricularioides, 326
Heliotropium, 389	
angiospermum, 389	Ipomoea, 389
indicum, 389	cathartica, 389
Hemionitis, 304	Chilopsidis, 206
	digitata, 389
pinnatifida, 304	
Hemitelia, 300	muricata, 389
costaricensis, 300	silvicola, 389
Heteranthera, 323	Iresine Cardenasii, 241
	Iridaceae, 229, 324
limosa, 323	Isochilus, 326
reniformis, 323	
Hieracium, 401	linearis, 326
hondurense, 401	Isopterygium, 298
Hierba de leche, 266	tenerum, 298
Trime del mande 150	Ixora faroensis, 277
Higo del monte, 159	
Hippotis albiflora, 214	Martinsii, 277
mollis, 214	To accompany tip lamoration 2000
Hirtella americana var. oblongifolia, 252	Jacquemontia luxurians, 206
	Jarilla Chocola, 200
Duckei, 251	Jatropha, 374
egensis, 251	Curcas, 374
oblongifolia, 252	João Mole, 189
physophora, 252	
purusana, 252	Jussiaea, 383
racemosa var. oblongifolia, 252	linifolia, 383
roce 252	peruviana, 383
rasa, 252	repens, 383
scabra, 253	suffruticosa, 383
Sprucei, 253	Sami actional coo
Hoffmannia, 396	Kapiáh, 201, 202
angustifolia, 396	
gognorioidog 206	Krameriaceae, 365
gesnerioides, 396	Krameria cuspidata, 365
Lawrancei, 275	Kumaka-balli, 170, 173
macrosiphon, 276	
nebulosa, 396	Labiatae, 208, 272, 390
riparia, 214	Labordeae verae, 456
Hybanthus, 378	Labordia, 455
oppositifolius, 378	Baillonii, 510
Hydrocotyle, 384	Cyrtandrae, 506
umbellata, 384	Cyrtandrae var. $\beta$ nahikuana, 509
	decurrens, 542
Hydrolapatha, 8	
Hymenocallis sonorensis, 229	Degeneri, 513
Hymenophyllaceae, 299	Degeneri var. $\beta$ subcarinata, 514
	Echitis, 510
Hymenophyllum, 299	Fagraeoidea, 472, 491, 497
asplenoides, 299	Fagraeoidea var. γ conferta, 476
fucoides, 299	Fagraeoidea var. κ Hillebrandii, 48
polyanthos, 300	
**	Fagraeoidea var. K Hillebrandii f.
Hymenosepali, 7	CIIDAO IVA AXA
	subcalva, 485
Hypericum, 377	Fagraeoidea var. $\beta$ Humei, 474
uliginosum, 377	
	Fagraeoidea var. $\beta$ Humei, 474

7 1 1' B 11	" 400
Labordia Fagraeoidea var. δ jugorum,	pumila, 489
477	Remyana, 497
Fagracoidea var. θ longisepala, 483	sessilis, 478 Tinifolia, 526, 529
Fagraeoidea var. pumila, 489 Fagraeoidea var. $\eta$ Saint-Johniana,	Tinifolia, 526, 529 Tinifolia var. 5 Euphorbioidea, 536
483	Tinifolia var. $\eta$ Forbesii, 536
Fagraeoidea var. i septentrionalis, 484	Tinifolia var. $\kappa$ honolulensis, 538
Fagraeoidea var. 6 sessilis, 478	Tinifolia var. $\epsilon$ lanaiensis, 535
Fagraeoidea var. e sessilis f. l. gla-	Tinifolia var. γ leptantha, 533
brescens, 481	Tinifolia var. θ microgyna, 537
Fagraeoidea var. λ simulans, 486	Tinifolia var. $\beta$ parvifolia, 532
Fagraeoidea var. 5 waianaeana, 482	Tinifolia var. i tenuifolia, 537
Fauriei, 542	Tinifolia var. δ waialuana, 534
glabra, 504	triflora, 538
glabra var. γ latisepala, 506	venosa, 502
glabra var. $\beta$ orientalis, 505	waialealae, 522
Grayana, 491, 497, 498	waiolanii, 468
Grayana var. centralis, 494	Wawrana, 503
Hedyosmifolia, 491	Lagenaria, 399
Hedyosmifolia var. β centralis, 494	siceraria, 399
Hedyosmifolia var. & Grayana, 497	Lantana, 389
Hedyosmifolia var. 1 Hosakana, 500	Camara, 389
Hedyosmifolia var. $\eta$ kilaueana, 499 Hedyosmifolia var. $\theta$ magnifolia, 499	Lapathum, 6
Hedyosmifolia var. δ robusta, 496	Lasiacis, 312
Hedyosmifolia var. γ Rockii, 496	divaricata, 312
Hedyosmifolia var. 5 Skottsbergii, 498	procerrima, 312
Helleri, 526	Lauraceae, 247, 363
Helleri var. β macrocarpa, 527	Leersia, 312
hirtella, 516	hexandra, 312
hirtella var. e haleakalana, 520	Leguminosae, 195, 261, 365
hirtella var. 5 hispidior, 521	Leiphaimos, 387
hirtella var. $\theta$ imbricata, 521	parasiticus, 387
hirtella var. $\eta$ laevis, 521	Lentibulariaceae, 392
hirtella var. i laevisepala, 522	Lepanthes, 327
hirtella var. δ microcalyx, 519	acuminata, 327 Dawsonii, 327
hirtella var. $\beta$ microphylla, 518 hirtella var. $\gamma$ sororia, 519	eximia, 328
hypoleuca, 506	Yunckeri, 327
kaalae, 538	Lepanthopsis, 328
kaalae var. γ brachypoda, 540	floripecten, 328
kaalae var. β Fosbergii, 539	Lepidium macrum, 248
kaalae var. e kauaiensis, 541	Leucobryaceae, 296
kaalae var. δ mendax, 541	Liatris, 423
lophocarpa, 466, 467	Licania anisophylla, 253
lophocarpa var. phyllocalyx, 468	aspera, 254
lophocarpa var. pluriflora, 464	Britteniana, 257
Lydgatei, 525	celativenia, 254
maulensis, 504	Dahlgrenii, 255
membranacea, 511, 515	elliptica, 255
membranacea var. $\beta$ exigua, 512 molokaiana, 464	emarginata, 259 Hookeri, 258
molokaiana var. η Bryanii, 471	intrapetiolaris, 257
molokaiana var. e congesta, 470	Krukovii, 256
molokaiana var. β lophocarpa, 466	latifolia, 257
molokaiana var. γ Munroi, 467	macrophylla, 257
molokaiana var. δ phyllocalyx, 468	micrantha, 254
molokaiana var. 5 setosa, 470	oblongifolia, 257
olympiana, 515	obovata, 257
pallida, 486	pallida, 257 riparia, 258
pallida f. alpina, 489	riparia, 208
pallida var. β hispidula, 488	stenocarpa, 258
pedunculata, 488	Lichenes, 294

Liliaceae, 228, 323	Sumichrasti, 296
Limnanthemum, 387	Mahoy piwala, 272
Humboldtianum, 387	Malaxis, 328
Lindsaya, 305	aurea, 328
quadrangularis, 305	Maxonii, 328
Lipocarpha, 315	Parthonii, 328
maculata, 315	
Timesharta dubia 500	Malpighia, 373
Lipochaeta dubia, 580	glabra, 373
lavarum, 581	Malpighiaceae, 372
lavarum var. conferta, 582	Malvaceae, 198, 376
lavarum var. lanaiensis, 582	Malvaviscus, 376
lavarum var. maneleana, 583	arboreus, 376
lavarum var. Stearnsii, 581	Mandevilla, 387
Lippia, 390	tubiflora, 387
barbata, 208	Manettia capitata, 216
dulcis, 390	cephalophora, 216
Gentryi, 207	Miersiana, 216
Kellermanii, 390	Maninot isoloba, 197
Liquidambar, 364	Manihot isoloba, 197 Mano de danto, 267
Styraciflua, 364	Mapaty, 181, 184
Litsea, 363	Marantaceae, 324
glaucescens, 363	Marattia, 299
Tharpiana, 247	excavata, 299
Lobaria, 294	Marattiaceae, 299
conformis, 294	Marcgravia, 377
Lobelia, 399	rectiflora, 377
splendens, 399	Marcgraviaceae, 377
Lobeliaceae, 399	Maritimi, 8
Loganiaceae, 386	Marsilea, 310
Lonchocarpus Lindsayi, 195	Marsiliaceae, 310
Loranthaceae, 236, 360	Matapalo, 161, 168, 237
Lycianthes, 390	Matapau, 173
sideroxyloides, 390	Maxillaria, 328
Lycopodiaceae, 310	uncata, 328
Lycopodium, 310	variabilis, 328
arcanum, 310	Maxonia, 305
cernuum, 311	apiifolia var. dualis, 305
roflevum 211	Melampodium, 401
reflexum, 311	
stamineum, 311	brachyglossum, 401
Tuerckheimii, 311	Melastomaceae, 381
Lygodium, 299	Melia, 372
polymorphum, 299	Azedarach, 372
Lythraceae, 379	Meliaceae, 372
Llytinaceae, 515	
35.1 1. 440	Mendoncia albida, 421
Mabea caudata, 419	hirsuta, 421
elata, 418	Killippii, 421
fistuligera, 417	Mello-Barretoana, 421
Klugii, 416	puberula, 421
parvifolia 410	Menispermaceae, 362
parvifolia, 419 Piriri, 417, 419	
Piriri, 417, 419	Menyanthaceae, 387
Piririoides, 419	Merinthopodium, 391
pulcherrima, 419	neuranthum, 391
speciosa, 418, 419	Metastelma, 387
Standleyi, 417	pedunculare, 387
subserrulata, 419	Meteoriaceae, 297
To anomi A17	
Taquari, 417	Miconia, 383
Trianae, 417	albicans, 383
Macrocnemum cuencanum, 215	globulifera, 383
vestitum, 215	humilis, 383
Macromitrium, 296	longifolia, 383
longifolium 296	
longifolium, 296	Schlechtendalii, 383
mucronifolium, 296	Micromitrium, 296
Podocarpi, 296	fragile, 296

Mikania, 401	Ochroma concolor, 266
Tonduzii, 401	Octoblepharum, 296
Millea, 199	albidum, 296
ecuadorensis, 199	Odontosoria, 305
Mimosa, 369	Schlechtendalii, 305
albida, 369	Ojoche blanco, 235
pigra, 369	de hoja menuda, 235
pudica, 369 Mirabilia, 261	Ojochillo, 235
Mirabilis, 361	Oleaceae, 205, 386 Olmedia boyacana, 179
Jalapa, 361 longipes, 242	tovarensis, 179
Muelleri, 241	Olmediella, 378
Mittenothamnium, 298	Betschleriana, 378
diminutivum, 298	Onagraceae, 203, 383
Lehmanii, 298	Oncidium, 329
Monarda Bartlettii, 208	carthaginense, 329
Eplingiana, 208	graminifolium, 329
Pringlei, 208, 209	leucochilum, 329
Monimiaceae, 363	Ophioglossaceae, 299
Monotropa, 384	Ophioglossum, 299
coccinea, 384	crotalophoroides, 299
Monstera, 318	reticulatum, 299
pertusa, 318	Orchidaceae, 324
Moquilea elata, 257, 258	Oreopanax, 384
pallida, 258	artocarpoides, 205
riparia, 258	Liebmannii, 384
Moraceae, 156, 235, 359	peltatum, 384
Morinda panamensis, 278 Mortoniodendron, 411	Salvinii, 384 xalapense, 384
anisophyllum, 411	Ormosia isthmensis, 264
Morus, 359	Orthopappus, 401
multicaulis, 359	angustifolius, 401
Muhlenbeckia chilensis, 31	Orthotrichaceae, 296
Muiratinga, 157, 187	Osmunda, 299
Murure, 158, 187	cinnamomea, 299
Musaceae, 324	regalis, 299
Musci, 296	Osmundaceae, 299
Myrica, 356	Ostrya, 356
mexicana, 356	virginiana var. guatemalensis, 356
Myricaceae, 356	Oxalidaceae, 371
Myriocarpa, 360	Oxalis, 371
yzabalensis, 360 Myrsinaceae, 385	latifolia, 371
Myrtaceae, 202, 379	Neaei, 371
	T 070
Nectandra, 363	Pagamea capitata, 279
sanguinea, 363	coriacea, 279
surinamensis, 363	Duckei, 278
Neea aeruginosa, 187	guianensis, 279 guianensis var. pilosa, 279
Krukovii, 188 madeirana, 189	guianensis var. phosa, 279
Mexiae, 187	guianensis var. typica, 279 hirsuta, 279
Neowawraea, 562	plicata, 278
Phyllanthoides, 562	thyrsiflora, 280
Nephrolepis, 305	Pajurá, 258
cordifolia, 305	Pajurá-rana, 354
cordifolia, 305 pendula, 305	Palicourea, 397
Nisperiio, 171	affinis, 216
Notylia, 328	Galeottiana, 397
trisepala, 328	roraimae, 280
Nyctaginaceae, 187, 241, 361	verrucosa, 217
Obtusifolii, 8	Palmae, 316
Ochnaceae, 377	Panicum, 313

#### 624 FIELD MUSEUM OF NATURAL HISTORY—BOTANY, VOL. XVII

- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Panicum arenicoloides, 313	defluens, 333
laxum, 313	eripipunctulata, 333
maximum, 313	filici-decorans, 333
sphaerocarpon, 313	
Donnario 204	flagitans, 334
Pannaria, 294 lurida, 294	inaudax, 334
lurida, 294	lancetillana, 334
Pannariaceae, 294	lancetillana var. spathifolia, 335
Papillaria, 297	laudabilis, 335
nigrescens, 297	longiacuminata, 335
Paqui, 264	mala, 335
Dorothogia 995	mallinuhia 225
Parathesis, 385	mollipubis, 335
Donnell-Smithii, 385	montis-verticis, 336
Parinarium pilosum, 259	nebuligaudens, 336
Parkinsonia, 369	novae-hispaniae, 336
aculeata, 369	novella, 336
Parmelia, 295	opaca var. ciliata, 336
americana, 295	perplexa, 337
capitata, 295	petenensis, 230
cristifera, 295	petenensis var. hondurensis, 337
latissima, 295	praeteruentifolia, 337
pseudoflavescens, 295	rhodophlebia, 337
subrugata, 295	rinconensis, 337
tinctorum, 295	rotundifolia, 338
Parmeliaceae, 295	rubefacta, 338
Parosela, 370	suavis var. hondurensis, 338
scoparia f. Arsenei, 195	subgeminispica, 338
sericea, 370	tressis, 339
Paspalum, 313	Trumani, 339
notatum 212	
notatum, 313	yojoana, 339
plenum, 313	Yousei, 339
virgatum, 313	Yunckeri, 340
Passiflora, 378	Perebea concinna, 179
ciliata, 378	xinguana, 180
foetida var. gossypiifolia, 378	Perezia, 401
Passifloraceae, 378	nudicaulis, 401
Pata de gallo, 197	Pharus, 313
Patientiae, 7	latifolius, 313
Pectis, 401	Phaseolus, 370
Pelexia, 329	anisotrichus, 370
hondurensis, 329	Philonotis, 296
Peltigera, 294	Philonotis, 296 tenella, 296
polydactyla, 294	Phoebe, 363
Poltigoragona 204	
Peltigeraceae, 294 Pennisetum, 313	helicterifolia, 363
Pennisetum, 313	mexicana, 363
setosum, 313	Phoradendron, 360
Pentagonia grandiflora, 217	aurantiacum, 236
Pentarrhaphis, 313	commutatum, 360
scapra, 313	franciscanum, 236
scabra, 313 Pentstemon Gentryi 209	franciscanum, 236
Pentstemon Gentryi, 209	libertadanum, 236
Pentstemon Gentryi, 209 Peperomia, 330	libertadanum, 236 petenense, 237
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330	libertadanum, 236 petenense, 237 piperoides, 360
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330	libertadanum, 236 petenense, 237 piperoides, 360
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330	libertadanum, 236 petenense, 237 piperoides, 360
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332 circulifolia var. flava, 331	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568 Purpusii, 197
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332 circulifolia var. flava, 331 collocata, 332	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568 Purpusii, 197 sandwicensis, 563
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332 circulifolia var. flava, 331 collocata, 332	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568 Purpusii, 197
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332 circulifolia var. flava, 331 collocata, 332 condormiens, 332	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568 Purpusii, 197 sandwicensis, 563 sandwicensis var. Degeneri, 567
Pentstemon Gentryi, 209 Peperomia, 330 aggravescens, 330 amnicola, 330 argumentosa, 331 caducipilosa, 331 chicbulana, 230 chucanebana, 331 circulifolia, 331 circulifolia var. eciliata, 332 circulifolia var. flava, 331 collocata, 332	libertadanum, 236 petenense, 237 piperoides, 360 yojoanum, 360 Yunckeri, 360 Photinia, 364 microcarpa, 364 Phyllanthus distichus, 563 lathyroides, 266 nivosus, 568 Purpusii, 197 sandwicensis, 563

Phyllanthus sandwicensis var. ellipticus,	fraguanum var. viride, 346
565	inconsumptum, 346
sandwicensis f. grandifolia, 563	instabilipes, 232
sandwicensis var. hypoglaucus, 568	laceratibracteum, 346
sandwicensis var. oblongifolius, 563	laedans, 347
sandwicensis f. parvifolius, 565	Lundellianum, 232
Williamsii, 266	monteluctans, 347
Phyllostegia mollis var. Lydgatei, 578	multinervium, 347
mollis var. Skottsbergii, 577	multinervium var. amplum, 347
Physalis, 391	multinervium var. cayoense, 347
caudella, 273	multinervium var. flavicans, 348
eximia, 273	multinervium var. hirsuticaule, 348
ingrata, 391	multinervium var. kantelolense, 348
Physcia, 295	multinervium var. paralense, 348
segilata, 295	multinervium var. peracutum, 349
syncolla, 295	multinervium var. productipes, 349
Physciaceae, 295	multinervium var. protractifolium,
Phytolacca, 361	349
Meziana, 361	multinervium var. puberulipeduncu-
rivinoides, 361	lum, 347
Phytolaccaceae, 361	multinervium var. pubescenticaule,
Picramnia, 372	350
andicola, 372	multinervium var. Skutchii, 350
locuples, 372	multinervium var. tamashense, 350
Pié de gallo, 267	multinervium var. telanum, 350
Pinaceae, 311	mystaciferum, 350
Pinus, 311	nitidulilaminum, 232
oocarpa, 311	nubigaudens, 351
pseudostrobus, 311	ornatispicum, 351
Piper, 340 actae, 340	paludicola, 351
adornatispicum, 340	petens, 352 pictamentum, 352
aduncum, 347	pictamentum var. fluminis, 352
allatum, 341	plumbeicolor, 233
andresense, 230	praemollitum, 352
andresense var. subcalvescens, 231	quadratilimbum, 233
angustifolium, 347	rematense, 233
apertum, 341	rinconense, 353
apertum var. nodosum, 341	roseovenulosum, 353
arenicola, 341	scabriseptum var. reductum, 353
auritum var. amplifolium, 342	scalarispicum, 353
auritum f. rinconense, 342	siguatepequense, 354
calvescens, 342	siguatepequense var. subrhombifol-
calvescens var. pedunculatum, 342	ium, 354
calvescens var. portrerillosense, 343	simulhabitans, 233
colaphitolerans, 231	tenuiculispicum, 354
comayaguanum, 343	tesseraespicum, 354
cristicola, 343	tikalense, 234
curvatipes, 231	viae-marginis, 355
Dawsoni, 343	xanthocladum, 347
Deamii, 344	yalochanum, 234
Deamii var. yojoanum, 344	yaxhanum, 234 Yousei, 355
deltoideocarpum, 344	Yungkeri 255
discolor, 231	Yunckeri, 355 Yunckeri yar latum 355
elongatum, 347	Yunckeri var. latum, 355
emancipationis, 231	Piperaceae, 230, 330
emancipationis var. longum, 232	Piratinera panamensis, 235
epilosipes, 344 epilosipes var. heterophyllum, 345	Piscidia, 370 grandifolia, 370
exigens, 345	Pitcairnia, 318
exigens var. subovatum, 345	Pithecolobium, 370
faviculiferum, 345	arboreum, 370
firmifolium, 346	Pityrogramma, 305
,	

Pityrogramma calomelaena, 305	leonina, 260
Schaffneri, 305	Mexiae, 260, 261
	Pottingono 206
tartarea, 305	Pottiaceae, 296
Plantaginaceae, 394	Pourouma elliptica, 181
Plantago, 394	ferruginea, 181
Galeottiana, 394	isophlebia, 182, 186
Pleurothallis, 329	Lawrancei, 183
Carioi, 329	longipendula, 185
fuegii, 329	Mildbraediana, 183
hirsuta, 329	populifolia, 184
Johnsonii, 329	subplicata, 184
pansamalae, 329	umbellata, 185
Plocaniophyllon flavum, 217	
	Priva aspera, 201
Plukenetia angustifolia, 265	Prunus Capuli, 194
Pogonopus speciosus, 218	Gentryi, 194
Polopolo, 200	novoleontis, 194
Polygala, 373	rhamnoides, 195
glochidiata, 373	
incornata 272	virens, 194
incarnata, 373	Pseudolmedia Krukovii, 186
longicaulis, 373	Murure, 186
Polygalaceae, 373	Psidium, 381
Polygonaceae, 239, 361	
Polygonum, 361	Guajava, 381
	molle, 381
amphibium, 68	Oerstedeanum, 381
hispidum, 361	Psychotria, 397
punctatum, 361	chaponiana, 280
Polymnia, 401	
maculata, 401	crebrinervia, 397
oaxacana, 401	erythrocarpa, 397
	involucrata, 397
Polypodiaceae, 301	Krukovii, 218
Polypodium, 305	Lawrancei, 281
angustifolium, 305	
angustum, 305	limonensis var. angustifolia, 282
apiculatum, 305	microdon, 397
asplenifolium, 305	patens, 397
	paulina, 219
astrolepis, 305	Recordiana, 282
carpinterae, 305	Skutchii, 283
crassifolium, 306	
cryptocarpon, 306	trichotoma, 397
cultratum, 306	uliginosa, 397
delitescens, 306	verrucosa, 217
	Yunckeri, 397
dissimile, 306	Pteridium, 308
fraternum, 306	aquilinum var. Feei, 308
induens, 306	
leucosticton, 307	aquilinum var. lanuginosum, 309
Lindenianum, 306	Pteris, 309
loriceum, 306	Feei, 308
	orizabae, 309
montigenum, 306	propinqua, 309
plebeium, 307	
plumula, 308	quadriaurita, 309
polypodioides, 308	Pyrolaceae, 384
rhodopleuron, 308	
trichomanoides, 308	Quercus, 356
	achoteana 356
triseriale, 308	achoteana, 356
Polystachya, 329	achoteana var. sublanosa, 356
luteola, 329	amissaeloba, 357
minor, 329	Dawsoni, 357
Polystichum, 308	perseaefolia var. anchoteana, 357
platyphyllum, 308	pertessellata, 357
Polytrichaceae 298	
Polytrichaceae, 298	tenuiaristata, 358
Pontederiaceae, 323	trichodonta, 358
Pooczuyaax, 232	Yousei, 358
Potentilla exsul, 259	Yunckeri, 358

Rabdolia, 456 palmarum, 221 Ramalina, 295 paniculata, 221 alludens, 295 singularis, 222 Rumex Acetosa, 22 attenuata, 295 yemensis, 295 Acetosa var. auriculatus, 23 Randia, 398 Acetosella, 18 aculeata, 398 Acetosella subsp. angiocarpus, 19 mollifolia, 219 Acetosella f. integrifolius, 22 Watsoni, 219 Acetosella × salicifolius, 60 Ranunculaceae, 244, 362 acutus, 124 adscendens, 149 Ranunculus centellifolius, 245 palmifolius, 246 alpinus, 95, 99 pentodontus, 247 altissimus, 44 altissimus var. abortivus, 49 Rauia, 297 americanus, 150 subcatenulata, 297 Reichenbachia hirsuta, 190 angustatus, 150 colombiana, 189 angustifolius, 30 Renealmia, 324 angustissimus, 22 aquaticus, 102 aromatica, 324 Restrepia, 329 arcticus, 107 xanthophthalma, 329 arizonicus, 90 Retiniphyllum cearense, 220 Bakeri, 93, 102 balcanicus, 95 erythranthum, 220 Rhacoma, 375 Berlandieri, 52, 132 eucymosa, 375 Brittanica, 45, 123 Rhacopilaceae, 297 Brittanica aquaticus, 124 Rhacopilum, 297 Brittanica var. borealis, 127 tomentosum, 297 Brittanica  $\beta$  polygonifolius, 45 Rhaphidorrhynchium, 297 Brittanica × crispus, 147 Lindigii, 297 bucephalophorus, 147 Rhipidopteris, 309 californicus, 85 peltata, 309 chrysocarpus, 55 Rhipsalis, 379 Claytoni, 150 Cassutha, 379 confinis, 112 Rhizogoniaceae, 297 Rhizogonium, 297 conglomeratus, 121 crassus, 79 crispatulus, 127 spiniforme, 297 crispo-obtusifolius, 148 Rhus, 374 crispus, 116 crispus × obtusifolius, 148 terebinthifolia, 374 Rhynchosia, 370 crispus × pulcher, 149 crispus × salicifolius, 60 pinetorum, 370 rariflora, 264 Richeria grandis, 420 cuneifolius, 88 laurifolia, 420 densiflorus, 92 dentatus subsp. Klotzschianus, 131 obovata, 420 racemosa, 420 dissimilis, 147 submembranacea, 419 domesticus, 100, 102 Rivina humilis, 201 domesticus \( \beta \) nanus, 108 Roble blanco, 267 dumosus × salicifolius, 149 Rondeletia, 398 dumosus × triangulivalis, 149 amoena, 398 ellipticus, 49 buddleoides, 398 elongatus, 102 Engelmannii, 30 nebulosa, 398 strigosa, 398 Rosaceae, 194, 248, 364 Engelmannii \( \beta \) Geyeri, 24 fascicularis, 42 Rottboellia, 313 fenestratus, 110 aurita var. stigmosa, 313 fenestratus var. labradoricus, 115 Rubiaceae, 211, 274, 394 fenestratus var. procerus, 114 Rubus, 365 flexicaulis, 134 adenotrichos, 365 floridanus, 39, 54 miser, 365 fueginus, 136 Rudgea Garciana, 220 fueginus var. athrix, 143 fueginus var. brachythrix, 143 Krukovii, 221

Rumex fueginus var. ovato-cordatus, salicifolius subsp. triangulivalvis, 60 salinus, 92 fueginus var. tanythrix, 143 sanguineus, 123, 124 fueginus var. typicus, 143 Saxei, 90 Geyeri, 24 Schultzii, 150 Goethartii, 150 sibiricus, 74 gracilipes, 102 spiralis, 43 graminifolius, 21, 22 subalpinus, 96 hastatulus, 28 sylvaticus, 150 hastulatus, 31 thyrsiflorus, 23 hesperius, 64 heterophyllus, 150 transitorius, 68 transitorius var. monotylos, 71 triangulivalvis, 58 hydrolapathum var. americanus, 124 hymenosepalus, 89 triangulivalvis var. oreolapathum, 64 hymenosepalus var. eu-hymenotuberosus, 92 sepalus, 92 utahensis, 76 hymenosepalus var. salinus, 92 venosus, 31 integrifolius, 150 verticillatus, 35 Kunthianus, 150 violascens, 131 Kunthii, 150 Rutaceae, 195, 371 lacustris, 65 Rynchospora, 315 lacustris f. aquatilis, 65 barbata, 315 lacustris f. terrestris, 66 cephalotes, 315 Langloisii, 54 corymbosa, 315 longifolius, 102, 150 cyperoides, 315 longifolius \( \beta \) nanus, 108 dives, 315 ludovicianus, 150 macranthus, 35 locuples, 315 polyphylla, 315 maritimus, 137, 147 robusta, 315 maritimus var. fueginus, 137 mexicanus, 55, 60, 78 Salicifolii, 7 mexicanus var. strictus, 65 obtusifolius, 127 occidentalis, 100, 102, 112 Salsola sativa, 240 Salvia, 390 siguatepequensis, 390 occidentalis var. nanus, 108 Sapindaceae, 375 orbicularis, 124 Sapotaceae, 385 orthoneurus, 96 Sapranthus, 363 microcarpus, 363 pallidus, 71  $paraguayensis \times salicifolius, 150$ Sapuchi de la sierra, 219 paraguayensis × triangulivalis, 149 Patientia, 115 Saracha, 391 procumbens, 391 Patientia subsp. eu-Patientia, 115 Sarcoglottis, 329 Patientia subsp. orientalis, 115 picta, 329 paucifolius, 23 Saurauia, 376 paucifolius var. gracilescens, 27 persicarioides, 137, 144 leucocarpa, 376 villosa, 376 polygamus, 150 Sauvagesia, 377 polyrhizus, 102 tenella, 377 praecox, 99 Schizaeaceae, 299 Schlotheimia, 297 Mohriana, 297 procerus, 114 pulcher, 129 Sartorii, 297 pulcher subsp. anodontus, 131 pulcher subsp. divaricatus, 130 Schoenocaulon, 323 pulcher subsp. eu-pulcher, 130 officinale, 323 Schomburgkia, 329 pycnanthus, 95 Romassa, 54 tibicinis, 329 Rugelii, 128 salicifolius, 60, 70, 76, 80, 82, 86 Scleria, 316 pterota var. melaleuca, 316 secans, 316 salicifolius var. angustifolius, 76 salicifolius subsp. angustivalvis var. Scrophulariaceae, 209, 392 Selaginella, 311 uni granis, 84 salicifolius var. denticulatus, 86 cuspidata, 311 salicifolius var. montigenitus, 79, 88 cuspidata var. elongata, 311

Selaginella guatemalensis, 311
huehuetenangensis, 311
Selaginellaceae, 311 Selenia dissecta, 191, 422
grandis, 422, 443
Jonesii, 422
mexicana, 191, 422
oinosepala, 422, 443
Sematophyllaceae, 297
Sematophyllum, 297 caespitosum, 297
cuspidiferum, 297 galipense, 297 Senecio, 402
galipense, 297
Senecio, 402
arborescens, 402 Setaria, 313
geniculata, 313
Sida, 376
ciliaris, 376
linifolia, 376 Silene chihuahuensis, 190
Simarubaceae, 372
Simplices, 7 Siparuna, 363
Siparuna, 363
nicaraguensis, 363
Sisyrinchium, 324 alatum, 324
Johnstonii, 229
tinctorium, 229
Sloanea anisophylla, 411 Smilacaceae, 323
Smilacina, 323
paniculata, 323
Smilax, 323
subpubescens, 323
Sobralia, 329 macrantha, 329
Solanaceae, 273, 390
Solanum, 391
aculeatissimum, 391
bicolor, 391 erythrotrichum, 391
guanicense. 391
guanicense, 391 laurifolium, 392
madrense, 392
nigrum, 392 nudum, 392
Seaforthianum, 392
umbellatum, 392
Solenophora Wilsonii, 210
Sonchus, 402
oleraceus, 402 Sorghastrum, 313
Sorghastrum, 313 nutans, 313
Souroubea, 377
guianensis, 377
Spananthe, 384 paniculata, 384
Spathiphyllum, 318
Friedrichsthalii, 318
Sphyrospermum, 385
majus, 385 Spigelia, 386
,

Humboldtiana, 386 Sporobolus, 313 indicus, 313 Stachys, 390 guatemalensis, 390 Stanhopea, 330 ecornuta, 330 Staphyleaceae, 375 Stelis, 330 hymenantha, 330 thecoglossa, 330 Stenochlaena, 309 vestita, 309 Stenogyne Calaminthoides, 579 Cranwelliae, 578 microphylla, 578 Stenophyllus, 316 hirtellus, 316 Sticta, 294 clathrata, 294 laciniata, 294 Pickeringii, 294 Stictaceae, 294 Stictina, 294 carpoloma, 294 Stigmaphyllon, 373 ellipticum, 373 puberum, 373 Struthanthus, 361 cassythoides, 361 densiflorus, 361 guatemalensis, 237 orbicularis, 361 Struthiopteris, 309 polypodioides, 309 varians, 309 Styracaceae, 386 Styrax, 386 argenteus, 386 glabrescens, 386 Tagetes, 402 filifolia, 402 Schiedeana, 402 Tectaria, 310 dilacerata, 310 Ternstroemia, 377 Tepezapote, 377 Tetrorchidium rotundatum, 265 Thalictrum, 362 hondurense, 362 guatemalense, 362 Theaceae, 377 Thecophyllum, 319 montanum, 319 Werckleanum, 319

Thibaudia, 385 costaricensis, 385 Thuidiaceae, 297 Thuidium, 297 delicatulum, 297 Thymophylla puberula, 284

Tibouchina, 383

	· ·
Tibouchina longifolia, 383	Uniola, 314
Tillandsia, 319	Pittieri, 314
Butzii, 319	Urticaceae, 360
cyanea, 319	Usneaceae, 295
excelsa, 319	Utricularia, 392
fasiculata, 319, 321	mixta, 392
festucoides, 319	pusilla, 392
glossophylla, 319	TT 1 1 000
grandis, 320	Valeriana, 399
juncea, 320	scorpioides, 399
lampropoda, 320	Valerianaceae, 399
Leiboldiana, 321	Vanilla, 330
Makoyana, 321 multicaulis, 321	pompona, 330 Venosi, 7
polystachya, 321	Verbena, 390
prodigiosa, 322	carolina, 390
pruinosa, 321	littoralis, 390
punctulata, 321	Verbenaceae, 206, 389
recurvata, 321	Verbesina, 402
Schiedeana, 321	Oerstediana, 403
Standleyi, 321	Oerstediana var. glabrior, 404
usneoides, 321	pleistocephala, 403
vestita, 321	_ vicina, 402
Walteri, 320	Vernonia, 405
Yunckeri, 322	melanocarpa, 405
Tinantia, 322	Taylorae, 224
erecta, 322	Verticillati, 7
Tocoyena bullata, 284	Viburnum, 398
hispidula, 283	discolor, 398
megistantha, 223	Vigna, 370
Torrubia asperula, 242 Hoehnei, 242	repens, 370 Viguiera multiflora var. genuina, 422
Loefgrenii, 243	Shrevei, 421
Tournefortia, 389	Vincetoxicum, 387
glabra, 389	adenocardium, 267
glabra, 389 hirsutissima, 389	belizense, 268
volubilis, 389	chihuahuense, 270
Tradescantia, 323	Gentlei, 269
chihuahuensis, 227	Hatchii, 269
collina, 228	LeSueurii, 270
elongata, 323	nummularium, 270
semisomna, 228	Pittieri, 270
Trichilia, 372 havanensis, 372	porphyranthum, 387 quercetorum, 271
Tricholaena, 313	trichoneuron, 388
rosea, 313	tristiflorum, 272
Trichomanes, 300	Violaceae, 378
capillaceum, 300	Vismia, 377
montanum, 300	guianensis, 377
radicans, 300	Vitaceae, 375
rigidum, 300	Vitis, 376
Tridax, 402	tiliifolia, 376
procumbens, 402	Vittaria, 310
Tripsacum, 314	dimorpha, 310
dactyloides, 314	filifolia, 310
Trophis, 360 chorizantha, 360	Vochysiaceae, 265
Turpinia, 375	Vochysia hondurensis, 265
paniculata, 375	tabascana, 265
r	
Ulmaceae, 234, 359	Wasiki, 195
Ulmus LeSueurii, 235	Wedelia, 405
Umbelliferae, 384	parviceps, 405

Xylosma, 378 Hemsleyana, 378

Yerba del indio, 239

Zanthoxylum, 371 limoniodorum, 371 microcarpum, 371 Zexmenia, 405 aurantiaca, 407 frutescens, 405 perymenioides, 405 Zingiberaceae, 324 Zornia, 371 diphylla, 371

1

THE LIBRARY OF THE NOV 3 0 1940 UNIVERSITY OF ILLINOIS













UNIVERSITY OF ILLINOIS-URBANA

3 0112 018259140